ANARTS BULLETIN 770 01/8/93

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

1993 2nd Riverina Field day

The Wagga Amateur Radio Club is hosting the 1993 2nd Riverina Field Day at Wagga Wagga on the weekend of August 14th and 15th next.

This event is to be hosted in alternate years by the above club and the Twin Cities Radio and Electronics Club at Albury, the inaugural hosts.

The event this year will be held at the Murrimbidgee Turf Club facilities with ample cover in case of rain, and carpeted indoor areas (reminds one of Wyong this year).

The event will feature Trade Displays, Fox Hunts, Amateur Television, Packet Radio, and more. Admission charge is 5 dollars per day per adult, 3 dollars concession or 8 dollars for a family. For both days, it is 10 dollars per adult, 3 dollars concession, and 12 dollars per family.

There will be a dinner on the Saturday night at 16 dollars per head with a special guest speaker, and 2 ATV videos.

There are a variety of caravan parks and motels at a range of prices, but please book in advance. Additional information may be found in the July AR.

Sounds like a good weekend's entertainment, take your foxhunting gear, and meet old friends at the Riverina Field Day, 14th-15th August.

Information courtesy of Barry VK2KUZ Field Day Co-ordinator

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ANARTS meeting

The next meeting of ANARTS will be on Friday 6th August and will be held at the home of one of our members, Keith VK2ZZO. QTH is in callbook, meeting will start at 7.30 pm sharp.

Hope to see some more of our members there.

73s de Pat VK2JPA Sec.

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ARRL Committee on Amateur Radio Digital Communications
Preliminary report

We are reproducing the report included in the RTTY Digital Journal of May/June 1993 and presented to the ARRL Board of Directors on March 28 1993. It should be of interest to all amateurs using digital modes on HF.

Part 7 and last

This philosophy argues for maximum " enfranchisement" of

digital stations, which we use here to mean accommodating stations that want to operate manually, semi-automatically, or automatically within the digital part of the band with a minimum of restrictions.

Those restrictions that the Committee has recommended -- including regulatory subbands for auto-matic-control and bandwidth limitation of semi-automatic stations -- are intended to facilitate this enfranchisement while protecting other operations from unnecessary interfer-ence.

Maximising "throughput"

Proper use of the available spectrum also calls for maximising the amount of information that flows. The measure of this efficiency can be expressed broadly in bits-per-second-per-Hertz. That is, getting the maximum information rate in the minimum bandwidth. The Committee is vitally interested in assisting the amateur community to advance digital technology in that direction. It is the view ogf the Committee that a technology that provides 1. spectral efficiency 2. robustness, and 3. automatic channel sharing, is highly desirable. Such a technology would better serve all digital applications , automatic, semi-automatic and manual alike, by allowing all amateurs to participate in the various digital applications, while making good use of the available spectrum.

Summary

The Committee believes that the recommendations that have been developed, including the modifications encompassed in this report, provide for the necessary protection of all amateurs, a nurturing environment for the development of new technologies, the vehicle to encourage efficient use of HF spectrum, and the support necessary to properly manage the growth in traffic handled by the digital networks.
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IPS weekly report
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23 July - 29 July 1993

Issue no.: 31
Date of issue: 30 July 1993

| Date | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|
| 10cm | 110 | 106 | 102 | 104 | 103 | 102 | 100 |
| A | 07 | 04 | 05 | 04 | 11 | 06 | (13 estimated) |
| T | 48 | 62 | 63 | 61 | 61 | 70 | 68 |

Summary of activity

Solar activity was very low or low throughout the period.

The geomagnetic field at Learmonth (WA) was quiet 23rd-26th, and 28th July, quiet to unsettled on 27th, and quiet to active on 29th.

Ionospheric F2 critical frequencies at Sydney were near normal 23rd-34th, and mostly near predicted monthly values over the remainder of the period with brief enhanced periods of up to

40 per cent on 25th-27th, and enhanced about 30 per cent at night on 28th-29th July. Spread F was observed during local night on 25th-27th, with brief sporadic E observed on 27th.

Forecast for the next week (23 - 29 July)

Solar : Low.

Geomagnetic: Unsettled to active on the 30th. Quiet to unsettled on the 31st and 1st. Mainly quiet thereafter.

Ionospheric: Near predicted monthly values.

Courtesy of IPS Radio and Space Services

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VK2SG RTTY DX NOTES 23 JULY '93

VK2SG RTTY DX NOTES FOR WEEKENDING 23 JULY 1993 (BID RTDX0723)

Our information this week came from: CE3GDN, ZS5S, 9X5LJ, W2JGR, WB2CJL, KE6XJ, K9AJ, BV5AF, OPDX, I5ICY, DJ0WQ, DJ3IW and the Central Europe Dx-Cluster node DB0SPC, and NJ0M node of the Twin Cities Dx Packet Cluster.

Bandpass:
Friday 16
0135-14086 4X6UO
0303-14084 ES7QF
0320-14085 8P6SM
1330-14088 9V1YJ
1443-14081 JT1CS
2013-14086 FP4EK
2054-14081 RT4UA
2100-14090 UN8PFE
2106-14084 OM3JW
2205-14086 Z32GX
2244-14083 HK0DPA
2351-14082 UO5OC

Saturday 17
0240-14085 TI2MCL
0247-14084 WP4Q
0423-14085 ES7QF
0433-14084 4X1KP
0433-14084 ES7QF
0438-14087 OM5SNP
0530-14080 CP5BT ARQ
0940-21085 9A1CRT
1103-21073 VU2RAK
1145-21085 9K2IC
1322-14089 JT1CS
1545-14082 XU8DWC (Leaving in September)
1616-14083 KL7AJ
1833-14088 BT2000BJ Qsl BY1QH
2029-14088 Z32GX
2103-14083 FY5FJ
2114-14087 FM5DN
2145-14080 CN8NP
2255-14079 V85GA

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Sunday 18
0039-14091 UN8PFE
0216-14087 FO5EM
0438-14084 FS7UQ
0504-14086 T77T
0515-14087 T24JJ Qsl JA2FJP
0526-14087 PZ2AC
0536-14073 C91A  ARQ
1141-14088 9H1ET
1204-14081 HL5AWS
1207-14090 KG4WS
1243-21086 ET3SID
1245-14085 UO5OC
1302-14086 XU8DWC
1317-14090 HK0DPA
1330-14088 XX9GU
1334-21083 3C1TR
1351-14089 JT1CS
1354-14082 9V1JY
1403-21087 Z21GZ
1419-21073 VQ9CE
1538-14083 FM5DN
1558-21087 V51GB Qsl P.O.BOX 1165, TSUMEB 9000, NAMIBIA
                 with equivalent of 5 IRC'S. His post does
                 not accept them.
1635-21086 A45ZX
1645-21086 9A3AM
1658-14086 TK5EP
2126-21087 KP2N
2128-21088 OA4CN
2218-14089 VP2BH

Monday 19
0143-14090 A45ZX
0134-14084 HR1JRR
0208-14086 4X6UO
1248-14091 BT2000BJ
1443-14082 NP2EG
1450-14090 V85GA
1805-14087 9H1ET
1952-14084 GJ4YAD
2023-14085 UN8PFE
2211-14087 EA9NP
2223-21088 WP4Q
2253-21091 LX1OM

Tuesday 20
0140-14087 4X6UO
0257-14085 KG4CW
0608-14088 OM3CPS
1706-14088 UO5OC

Wednesday 21
0130-14087 TI2MCL
0133-14089 4X6UO
0147-14085 FM5DN
0345-14087 KH3!F
0619-14084 V51GB
1725-14085 ES7AM
1908-14084 OM3CPS
1915-14086 C31HK

Thursday 22
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1403-21081 3C1TR
1703-14088 YL2KF
1938-14083 UO5OC
2118-14088 UN8PFE

NOTES OF INTEREST:
The AH1A Qsl cards arrived in Denver on 16 July from the printer in Belgium. All cards should be out by the end of September.

PRATAS Is. Bolon, BV5AF (President of CTARL) inform that he will be the Chief of BV9P Dxpedition. No definite date is fixed at the present. They are supposed to operate as BV0ARL/BV9P where BV0ARL is the call of CTARL Chinese Taipei Amateur Radio League. The island is located about 350 mile aways from Taiwan at South China Sea. Mode used will be SSB, CW, AMTOR, RTTY, SSTV and also SATELLITE with 12 operators. Stay tuned, more soon.

ANGUILLA. John, KA3DBN will be signing VP2EBN from 22 to 30 Aug. Operation will be on CW, SSB and RTTY from 80 to 6 meters.

PENGUIN Is/WALVIS Bay. James, DJ0WQ with DK2WH, DJ4LK and DJ2ZS will sign ZS0PI from 28 July till 4 August on CW, SSB and RTTY. James and DJ2ZS will than move to Walvis Bay from 6-28th August.

TUVALU Is. It appears T24JJ has concluded his stay in Tuvalu. He spotted three time on local Packet Cluster (KE6XJ area) with few rtty activity.

Send your bandpass and notes for next week to Bob, WB2CJL at CE3GDN.#STG.CHL.SA.
GL de (DX2) Luciano, I5FLN AT ZS5S.ZAF.AF

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Coming events

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|---|---|---|
| August | 21st-22nd | SARTG WW RTTY Contest |
| September | 25th-26th | CQ/RTTY Journal RTTY Contest |
| October | 16th-17th | JARTS WW RTTY Contest |
| November | 13th-14th | WAE RTTY Contest |

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NOTE OUR WEEKLY BROADCAST SCHEDULE.

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|---|---|---|
| 3.545 mhz | 0930 utc | VK2BQS (Jim) |
| 7.045 mhz | 0030 utc | VK2CTD (COL) |
| 14.070 mhz (amtor/fec) | 0030 utc | Presently unavailable. |
| 14.091 mhz | 0030 utc | VK2BQS (JIM) |
| 146.675 mhz | 0030/0930 utc | VK2JPA (PAT) |
| 144.850 mhz (ax25 bbs) | | VK2JPA AT vk2rwi |
| 146.675 mhz (rtty mmbbs/repeater) | | VK2RTY |

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Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD @VK2RWI or the Secretary (Pat) VK2JPA @VK2RWI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2RWI. The Internet address for the Broadcast Officer is : patl@extro.ucc.su.OZ.AU

The Society welcomes news items on any digital subjects from anywhere. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. We hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes broadcast 770 1st August 1993.
Inserted by VK2BQS (Jim) Vice-President ANARTS.

NOTE That the NEWS BROADCASTS ARE ON SUNDAYS ONLY.....

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Dave Horsfall (VK2KFU) VK2KFU @ VK2RWI.NSW.AUS.OC PGP 2.3
dave@esi.COM.AU ...munnari!esi.COM.AU!dave available